



PTO/SB/08A/B (09-08)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/668,663-Conf. #5598	
			Filing Date	September 23, 2003	
			First Named Inventor	Victor C. Yang	
			Art Unit	1646	
			Examiner Name	H. A. Robinson	
Sheet	1	of	1	Attorney Docket Number	30275/40871

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
<i>HA</i>		US-3,758,683	09-11-1973	Jackson	
		US-5,747,642	05-05-1998	De Felippis	
		US-6,468,731	10-22-2002	Hubbell et al.	
		US-6,624,141	09-23-2003	Yang et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document.	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>6</sup> (if known)	MM-DD-YYYY			
HA		WO 96/35444	11-14-1996	University of Michigan		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(e)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
HA		Ando et al., "A New Method for Fractionation of Protamines and the Amino Acid Sequences of Salmine and Three Components of Iridine," <i>Int. J. Protein Research</i> , Vol. 1, pp.221-224 (1969).	
		Byun et al., "Low Molecular Weight Protamine: A Potential Nontoxic Heparin Antagonist," <i>Thrombosis Research</i> , Vol. 94, No. 1, pp.53-61 (1999).	
		Cardin et al., "Molecular Modeling of Protein-Glycosaminoglycan Interactions," <i>Arteriosclerosis</i> , Vol. 9, pp. 21-32 (1989).	
		International Search Report for Counterpart PCT Application Serial No. PCT/US00/06876, mailed July 24, 2000.	
		Patent Abstracts of Japan, 1998:08, June 30, 1998, referencing Japanese Patent Abstract 10/075777.	
		Pirhonen et al., "Primary Structures of Two Protamine 2 Variants ST2A and ST2B from Stallion Spermatozoa," <i>Biochem. Biophys. Acta.</i> , Vol. 1039, No. 2, pp.177-180 (1990).	
		Rang et al., "Hemostasis and Thrombosis," <i>In: Pharmacology</i> , pp.331-350 (1995).	
		Smith et al., "A Heparin Binding Site in Antithrombin III," <i>J. Biol. Chem.</i> , Vol. 25, pp. 11964-11972 (1987).	
		Suzuki et al., "Studies on Protamine XIII: The Fraction of Clupein Y," <i>J. Biochem.</i> , Vol. 63, pp.701-708 (1968).	
		Tan et al., "Protamine Inhibits Plasma Carboxypeptidase N, the Inactivator of Anaphylatoxins and Kinins," <i>Anesthesiology</i> , Vol. 70, No. 2, pp.267-275 (1989).	
		WPI Database, week 1986:09; January 20, 1986, referencing Japanese Patent Abstract 61/012265.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>H.A. Robinson</i>	Date Considered	5/5/07
-----------------------	----------------------	--------------------	--------